

REMEDIAL DESIGN PROJECT DELIVERABLES SCHEDULE
Pre-Design Investigation and Remedial Design
Lower 8.3 Miles of the Passaic River
Operable Unit Two (OU 2) of the Diamond Alkali Superfund Site
In and About Essex, Hudson, Bergen and Passaic Counties – New Jersey
January 2017

Deliverable ⁽¹⁾	Compliance Milestone ⁽²⁾	Certification Required ⁽³⁾	EPA Approval / Comment	Date to EPA ⁽⁴⁾	Deadline ⁽⁵⁾	SOW Paragraph	Submittal Status (to EPA)	EPA Approval / Comment Status	% Complete ⁽⁸⁾
Progress Reports ⁽⁶⁾				Refer to PMP Jan. 15 th April 15 th July 15 th Oct. 15 th	Quarterly, starting the month following Effective Date of the Settlement Agreement and until the EPA approves the Final (100%) RD.	4.3	1/16/17 Submitted	na	Ongoing
PMP	X		(does not require)	1/17/17	90 days after EPA's	3.1	Draft Submitted 12/20/16	pending	50% Pending EPA Input
RDWP	X		Approval	1/17/17	Authorization to Proceed regarding Supervising Contractor	3.3	Draft Submitted 1/??/2017	pending	50% Pending EPA Comment / Approval
ERP			Approval	1/17/17	With RDWP; supporting deliverable ⁽⁷⁾	5.7(b)	Draft Submitted 1/??/2017	pending	50% Pending EPA Comment / Approval
PDI WP	X		Approval	TBD ⁽⁴⁾	60 days after EPA's approval of RDWP	3.2(a)	Pending EPA approval of RDWP	--	5% (development initiated in 12/2016)
HASP			Comment	With PDI WP	With PDI WP; supporting deliverable ⁽⁷⁾	5.7(a)	With PDI WP		
FSP			Approval			5.7(c)	With PDI WP		
QAPP			Approval			5.7(d)	With PDI WP		
PDI Evaluation Report	X	X	Comment	TBD ⁽⁴⁾	1 year and 180 days after EPA approval of PDI WP	3.2(b)	Pending Approvals of Prior Deliverables and Implementation of PDI Activities	--	0%
Site Wide Monitoring Plan			Comment*	TBD ⁽⁴⁾	60 days after EPA's approval of RDWP	3.5* & 5.7(e)	Pending Approvals of Prior Deliverables	--	0%
Site Selection and Evaluation	X		Approval	TBD ⁽⁴⁾	90 days after EPA's approval of RDWP	3.6(a)	Pending Approvals of Prior Deliverables	--	0%

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WP									
Site Selection and Evaluation Report	X	X	Comment	TBD ⁽⁴⁾	180 days after EPA's approval of Site Selection and Evaluation WP	3.6(b)	Pending Approvals of Prior Deliverables	--	0%
TSWP			Approval	TBD ⁽⁴⁾	90 days after EPA's approval of PDIWP	3.7(b)	Pending Approvals of Prior Deliverables	--	0%
TS Evaluation Report		X	Comment	TBD ⁽⁴⁾	180 days after EPA's approval of TSWP	3.7(c)	Pending Approvals of Prior Deliverables	--	0%
Preliminary (30%) RD	X		Comment	TBD ⁽⁴⁾	90 days after submittal of PDI Evaluation Report	3.8	Pending Approvals of Prior Deliverables	--	0%
TODP			Comment*	With Preliminary (30%) RD	With Preliminary (30%) RD; supporting deliverable ⁽⁷⁾	3.8* & 5.7(g)	Pending Approvals of Prior Deliverables	--	0%
Intermediate (60%) RD	X		Comment	TBD ⁽⁴⁾	120 days after EPA's comments on the Preliminary (30%) RD	3.9	Pending Approvals of Prior Deliverables	--	0%
Value Engineering (VE) Study Results			Comment	TBD ⁽⁴⁾	90 days after submittal of Intermediate (60%) RD	3.10	Pending Approvals of Prior Deliverables	--	0%
Pre-Final (95%) RD	X		Comment	TBD ⁽⁴⁾	90 days after EPA's comments on the intermediate RD and VE Study	3.11	Pending Approvals of Prior Deliverables	--	0%
CQA/QCP			Comment*	With Pre-Final (95%) RD	With Pre-Final (95%) RD; supporting deliverable ⁽⁷⁾	3.11* & 5.7(f)	With 95% RD		
O&M Plan			Comment*			3.11* & 5.7(h)	With 95% RD		

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ICIAP			Comment*			3.11* & 5.7(i)	With 95% RD		
Final (100%) RD	X	X	Approval	TBD ⁽⁴⁾	60 days after EPA's comments on the Pre-Final (95%) RD	3.12	Pending Approvals of Prior Deliverables	--	0%
Periodic Review Support Plan (PRSP)			Approval	TBD at EPA Direction	30 days after EPA request	4.5	Pending Approvals of Prior Deliverables	--	0%

Notes

CQA/QCP Construction Quality Assurance/Quality Control Plan.
ERP Emergency Response Plan
FSP Field Sampling Plan (Included as part of the QAPP)
HASP Health & Safety Plan
ICIAP Institutional Controls Implementation and Assurance Plan
PDI Pre-Design Investigation
PMP Project Management Plan
QAPP Quality Assurance Project Plan
SOW Statement of Work
RD Remedial Design
TODP Transportation and Off-Site Disposal Plan
TS Treatability Study
WP Work Plan

⁽¹⁾ Information obtained from the Settlement Agreement and SOW (refer to Appendix A and Notes 2 and 3, below).

⁽²⁾ Compliance Milestone: Identified deliverables are compliance milestones, subject to stipulated penalties, pursuant to the Settlement Agreement Section XVI, Paragraph 80.

⁽³⁾ Certification: Identified deliverables must be signed by the Settling Party's Project Coordinator, or other responsible official of Settling Party, and must contain the certification statement provided in Section 5.5 of the SOW.

⁽⁴⁾ Date to EPA is based on the Effective Date of the Settlement Agreement (September 30, 2016), EPA Authorization to Proceed (October 19, 2016) and the information in

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the “Deadline” column. Some dates are “TBD” (to be determined) since they are subject to the date of EPA approval of prior deliverables, as specified by the Settlement Agreement and indicated in the “Deadline” column.

- ⁽⁵⁾ Deadline information is based on the RD Schedule in Section 6.2 of the Settlement Agreement SOW.
- ⁽⁶⁾ Quarterly Progress reports proposed for submittal on the 15th of January, April, July and October. If the 15th of the month falls on a weekend or holiday, the report will be submitted the next business day. Refer to PMP Section 3.2.1 for details.
- ⁽⁷⁾ Supporting Deliverables as per Section 5.7 of Settlement Agreement and SOW.
- ⁽⁸⁾ % Complete is an estimate of status of deliverable development relative to EPA comment/approval and finalization.